



IEC

FROM

INTERSTATE ELECTRONICS CORPORATION

Subsidiary of Interstate Engineering Corporation

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TO

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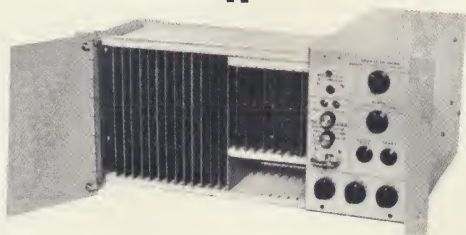


INTERSTATE ELECTRONICS CORPORATION

Subsidiary of "AUTOMATIC" SPRINKLER CORPORATION OF AMERICA
707 E. Vermont Avenue, P.O. Box 3117, Anaheim, California 92803—(714) 772-2811

5 ways Interstate Electronics fills your instrument requirements

1.



with the New MX 500 Series Low Level Analog Multiplexer.

The MX 500 benefits both designers and users of Data Acquisition Systems:

- Eliminates data amplifiers in each channel
- Reduces system costs sharply
- Simplifies system interface
- Reduces system size, power and cooling
- Reduces system maintenance and spares

Outstanding features include:

- ± 5 mv F.S. up to ± 500 mv F.S. inputs (± 10 v F.S. output)
- Up to 50 kHz sample rate
- Easily expandable up to 1000 differential, guarded channels
- 120 db common mode rejection
- Sequential or random address channel selection
- Automatic and program-mable gain selection
- Overload protected
- Solid state—FET switches—IC logic
- Available with or without AD converter

2.

with the High-Speed Precision System 285 CRT Recorder.

The System 285 can provide—in direct readout form—resolution of $0.25 \mu\text{sec}$ pulses for Radar Range-Time-Intensity Recording, Pulse-Rate or Pulse-Shape Analysis and Facsimile and Video Recording:

- Allows new methods of high frequency pulse data analysis
- Preserves output for permanent records
- Uses conventional film or paper oscillographic recording magazines
- Accommodates up to 8 conventional galvanometers
- Provides method of record identification by pulse-coding galvanometer traces

Outstanding features include:

- Combines images from high-resolution cathode-ray tube and conventional galvanometers for high-frequency data presentation and timing correlation
- Records at spot-image speeds up to 300,000 inches-per-second on 12-inch-wide film or paper
- CRT is intensity modulated by a dc through 10 MHz video amplifier
- Optional equipment includes—sweep/delay and marker generator, video amplifier, patch panel, and dual trace operation



with Phase Lock Tracking Filters and Frequency Processors

3.



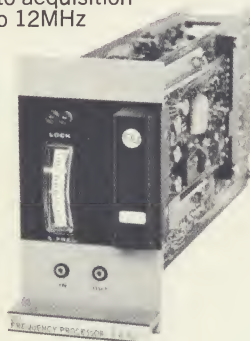
Model 450

- Frequency Range from 100Hz to 120kHz
- Captures and holds signals buried in -38db S/N Background
- Can be used as AM or PM demodulator

4.

Model 251 (& Model 253)

- Features auto-acquisition from 1kHz to 12MHz
- AM, PM, FM demodulation with binary or decimal frequency multiplication



5.



Model 416

- Frequency Range from 100 Hz to 12 kHz
- Automatically tracks, filters and multiplies periodic signals
- Captures signals at -24db SNR (5 Hz setting)



PLEASE SEND FURTHER DETAILS ON:

- ☐ Low-Level Multiplexers and Multiplexer Systems
- ☐ Radar Range Time Intensity Recorders
- ☐ Phase-Lock Tracking Devices for:
 - ☐ Reference Clock Recovery
 - ☐ Frequency Multiplication
 - ☐ Coherent AM/FM/PM Demodulation
 - ☐ Doppler Recovery
 - ☐ Coherent Signal Strength Measurement
 - ☐ Constant Phase Shift Narrowband Tracking and filtering
- ☐ Other: _____
- ☐ Please continue to send new information to keep me up to date on product availability in areas marked

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